

**DVC Student Learning Outcomes**

<b>Diablo Valley College Instructional SLOs</b>	<b>Course No/Title</b>	COMSC-260: Assembly Language Programming/Computer Organization		<b>Assessment Yr/Term</b>	2008 FA
	<b>Contact Person</b>	Robert Burns	<b>Ext</b>	2610	<b>Assessment Cycle#</b>
<b>Course Goal Statement</b>	The purpose of this course is to cover the basics of machine architecture, machine language, assembly language, operating system interface, and interfacing with high level languages. Topics include data representation, instruction representation and execution, addressing, indexing, macros, subroutine linkages, storage and time efficiency issues, interrupt handling, virtual memory, cache memory, and dynamic address translation.			<b>Cycle Completed</b>	No
Edited: 1/29/2009				<b>Stages 1-3 Completed</b>	No
				<b>Stages 4-5 Completed</b>	No

#	1. Expected Outcome	2. Assessment Methods	3. Measurement Criteria	4. Data Analysis	5. Action Plan
1	Students completing the course will be able to create an Assembly Language program that includes decisions, loops, function calls, and interrupts.	Online self-evaluation survey question by email invitation during finals week, for all students on the active WebAdvisor roster, using the email addresses from WebAdvisor profiles.	Whether they answered "Strongly agree", "Somewhat agree", "Neutral", "Somewhat disagree", or "Strongly disagree", and associated comments.	16 Strongly agree 73% 5 Somewhat agree 23% 1 Neutral 5% 0 Somewhat disagree 0% 0 Strongly disagree 0%  95% agree	Affirmation and reinforcement of current methods and curriculum.
2	Students completing the course will be able to explain how virtual memory is used to run a program larger than physical memory.	Online self-evaluation survey question by email invitation during finals week, for all students on the active WebAdvisor roster, using the email addresses from WebAdvisor profiles.	Whether they answered "Strongly agree", "Somewhat agree", "Neutral", "Somewhat disagree", or "Strongly disagree", and associated comments.	16 Strongly agree 73% 5 Somewhat agree 23% 1 Neutral 5% 0 Somewhat disagree 0% 0 Strongly disagree 0%  95% agree	Affirmation and reinforcement of current methods and curriculum.
-3	Students completing the course will be able to call a function written in Assembly Language from a program written in a high level language.	Online self-evaluation survey question by email invitation during finals week, for all students on the active WebAdvisor roster, using the email addresses from WebAdvisor profiles.	Whether they answered "Strongly agree", "Somewhat agree", "Neutral", "Somewhat disagree", or "Strongly disagree", and associated comments.	22 Strongly agree 91% 2 Somewhat agree 9% 0 Neutral 0% 0 Somewhat disagree 0% 0 Strongly disagree 0%  100% agree	Affirmation and reinforcement of current methods and curriculum.